

Multi-Function Power Pack



Specifications

Power Input: 85 – 277 V AC

Power Output: 85 – 277 V AC

Maximum Load:

- 20 A: LED, Ballast, Incandescent
- 4 A: Electronic Ballast
- 6 A: Motor

Power Supply to the Sensor:

- PS-212: 12 V DC, 250 mA max
- PS-224: 24 V DC, 110 mA max

Control Signal Input:

- PS-212: 8 – 16 V DC
- PS-224: 18 – 28 V DC

Housing Material: Flame-retardant ABS

Dimension: 79mm x 76mm x 38.5mm

Operating Temperature: -40° to 55° C

Relative Humidity: 0 – 95% non-condensing

Approvals:

The PS-212 / PS-224 power pack supplies DC power to low voltage occupancy sensors and receives input from the sensors, switches, timers, control panels or building management systems to control a wide range of load types, including lighting or HVAC devices.

It is rich in feature and provides scalability in lighting design by enabling many sensors and/or switches to be connected with one or more power packs to control lighting over a wider area.

The power pack can be mounted inside or external to the junction box.

Features

- Automatic switching of lighting load, fully controlled by the occupancy sensors
- Automatic switching with manual override, e.g. turning light off for presentation
- Manual switching and with the occupancy sensor turning light off automatically
- Automatic switching with system override. System override (on/off) can be initiated by a timer or a lighting control system
- Multi-location manual switching
- Protection from high inrush current associated with incandescent light bulbs and motors

Wiring Options

- One power pack could support multiple occupancy sensors and lighting load up to the maximum rating specified
- Power packs could be added to support more occupancy sensors and/or lighting load where required

